W 007

FIG. 1

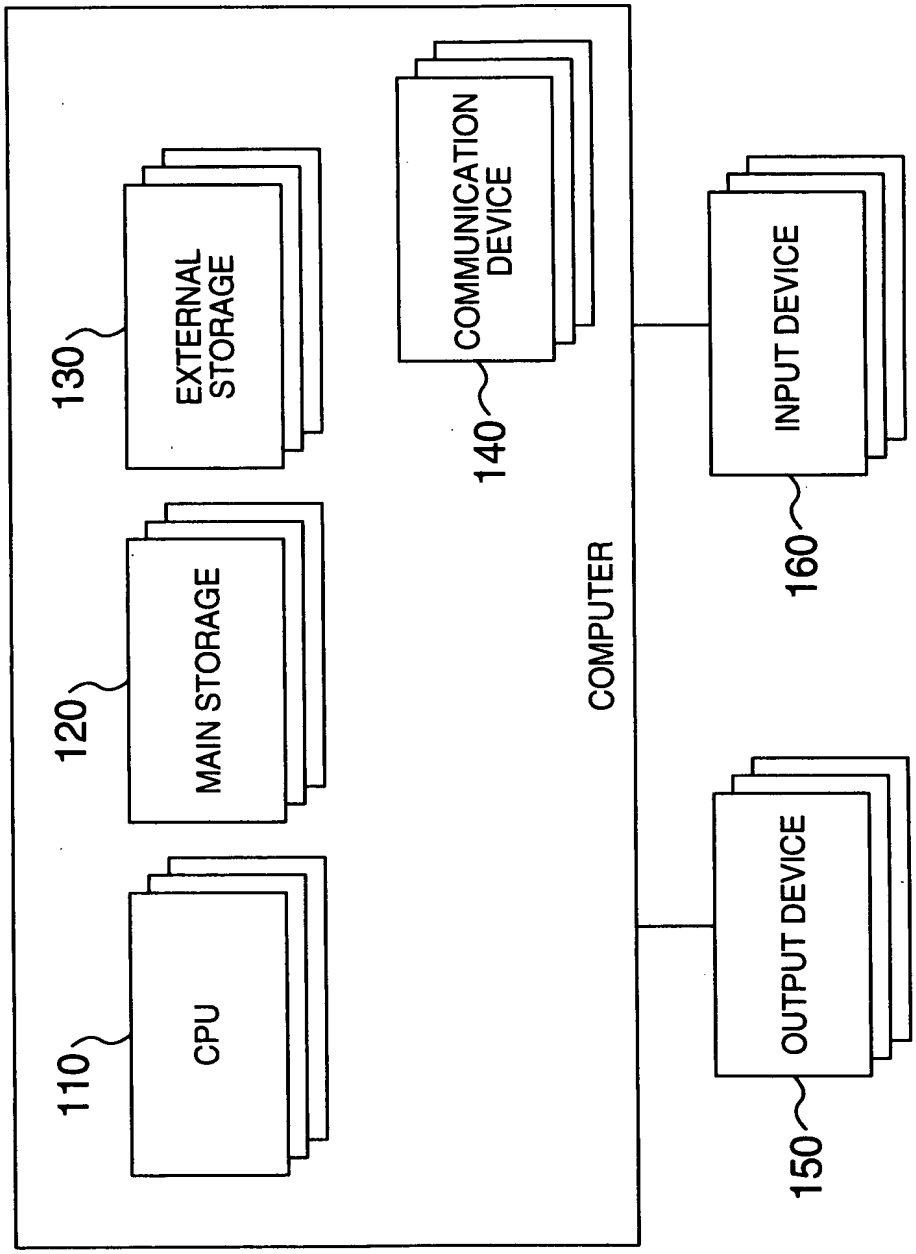
COMPUTER
110
CPU
120
MAIN STORAGE
130
EXTERNAL STORAGE
140
COMMUNICATION DEVICE
150
OUTPUT DEVICE
160
INPUT DEVICE

FIG. 2

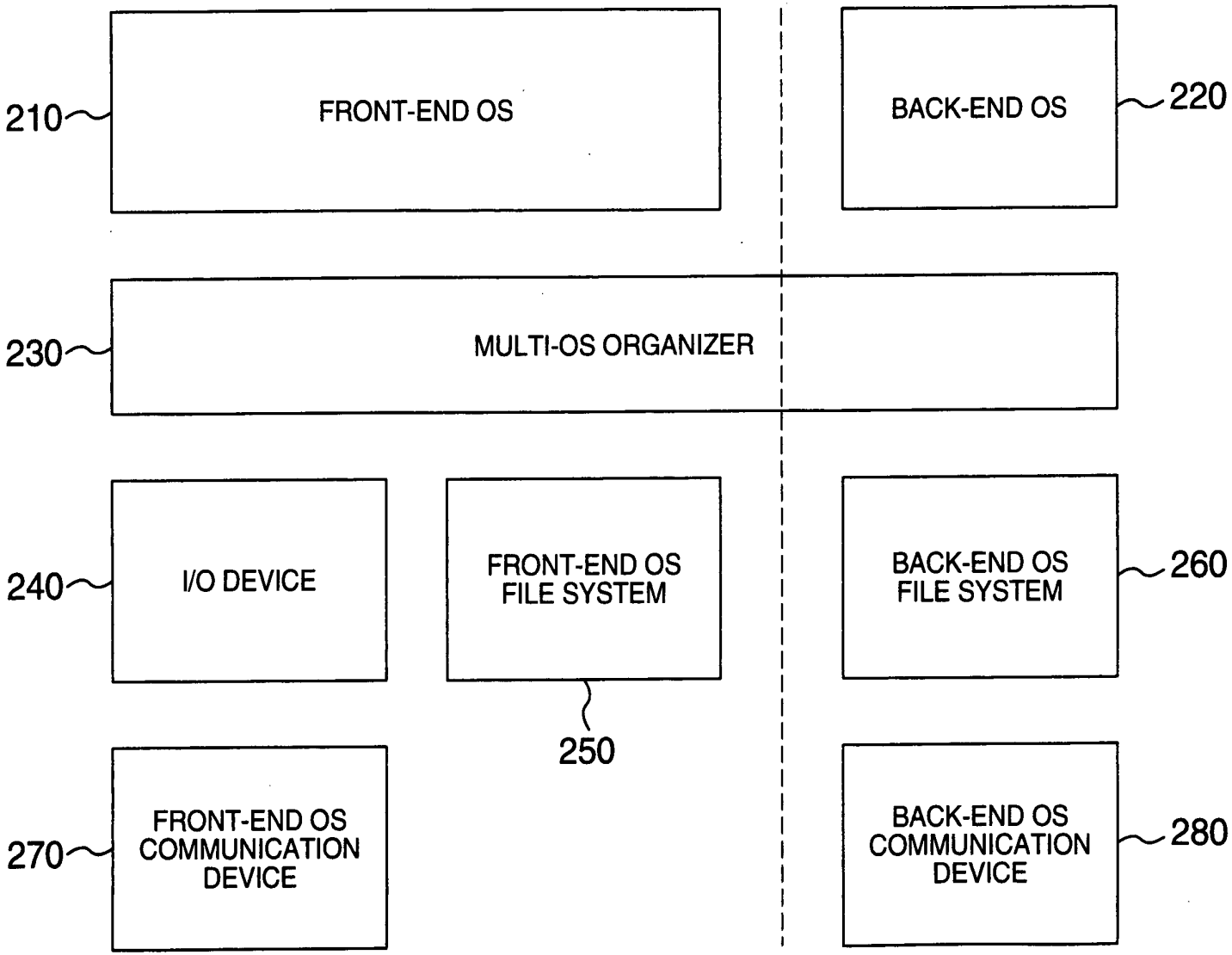
210
FRONT-END OS
220
BACK-END OS
230
MULTI-OS ORGANIZER
240
I/O DEVICE
FRONT-END OS FILE SYSTEM
250
BACK-END OS FILE SYSTEM
260
270
FRONT-END OS COMMUNICATION DEVICE
BACK-END OS COMMUNICATION DEVICE
280

FIG. 3

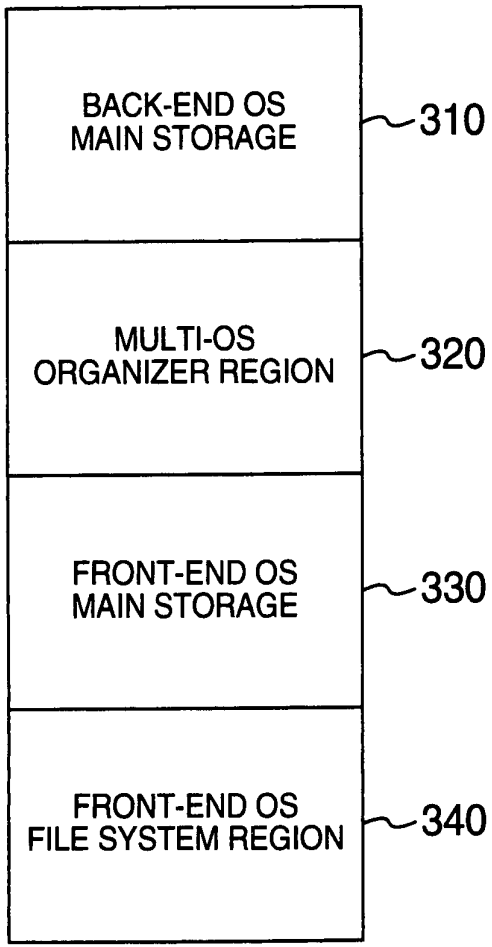
BACK-END OS MAIN STORAGE
310
MULTI-OS ORGANIZER REGION
320
FRONT-END OS MAIN STORAGE
330
FRONT-END OS FILE SYSTEM REGION
340

FIG. 4

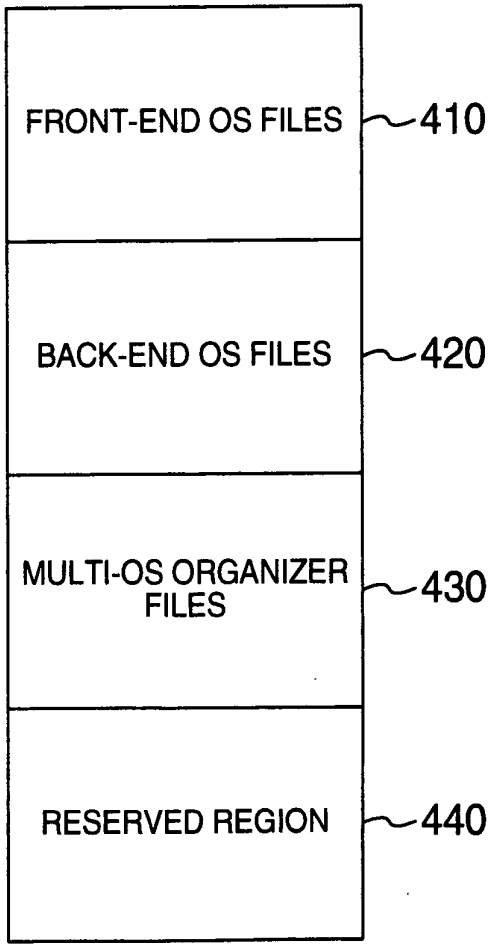
FRONT-END OS FILES
410
BACK-END OS FILES
420
MULTI-OS ORGANIZER FILES
430
RESERVED REGION
440

FIG. 5

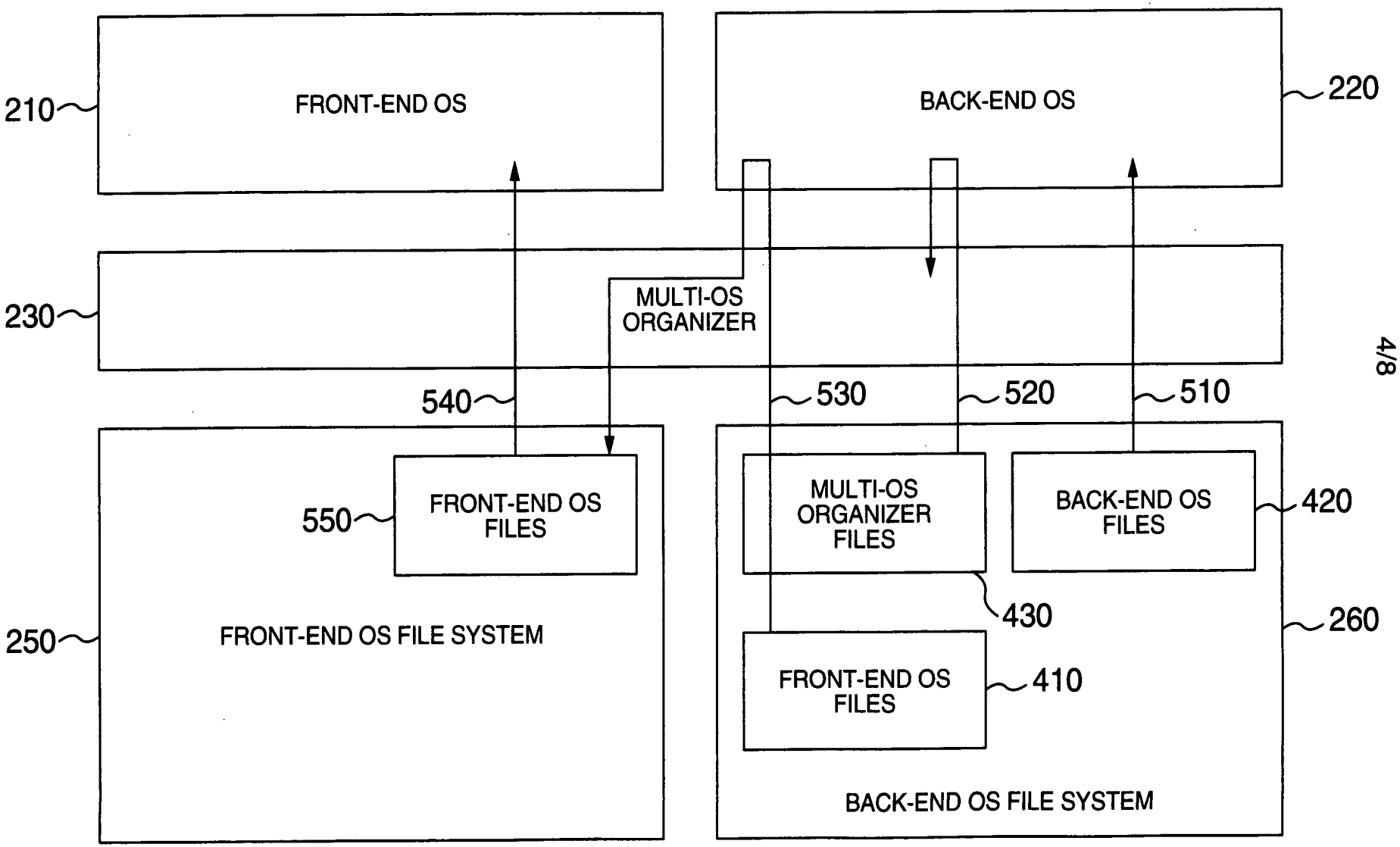
210
FRONT-END OS
220
BACK-END OS
230
MULTI-OS ORGANIZER
540
530
520
510
550
FRONT-END OS FILES
MULTI-OS ORGANIZER FILES
BACK-END OS FILES
420
430
250
FRONT-END OS FILE SYSTEM
260
FRONT-END OS FILES
410
BACK-END OS FILE SYSTEM

FIG. 6

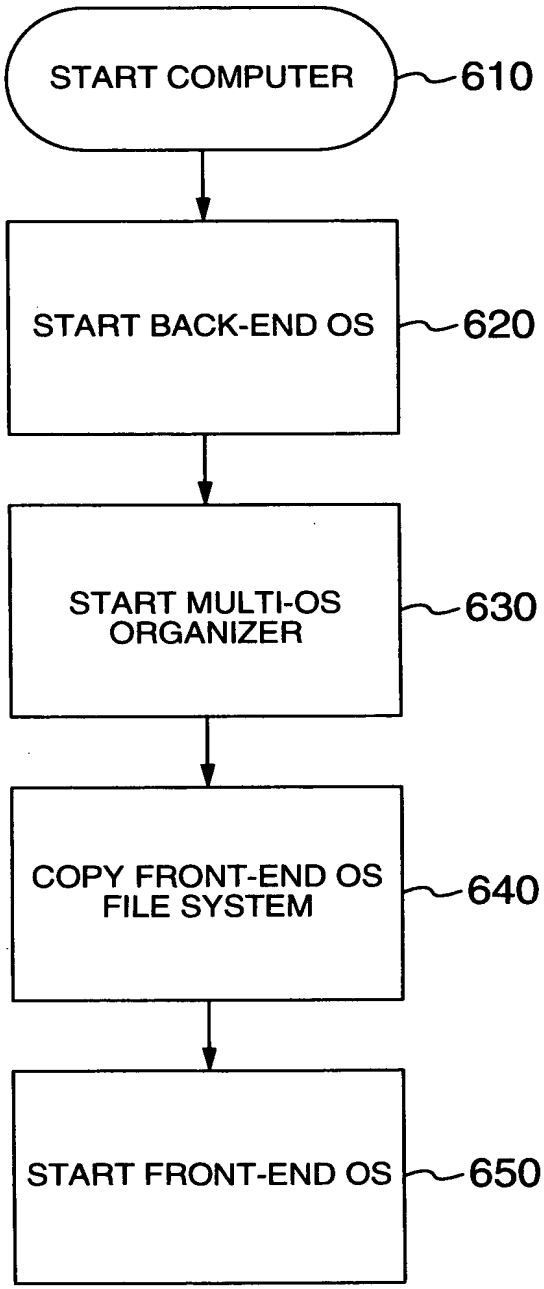

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FIG. 7

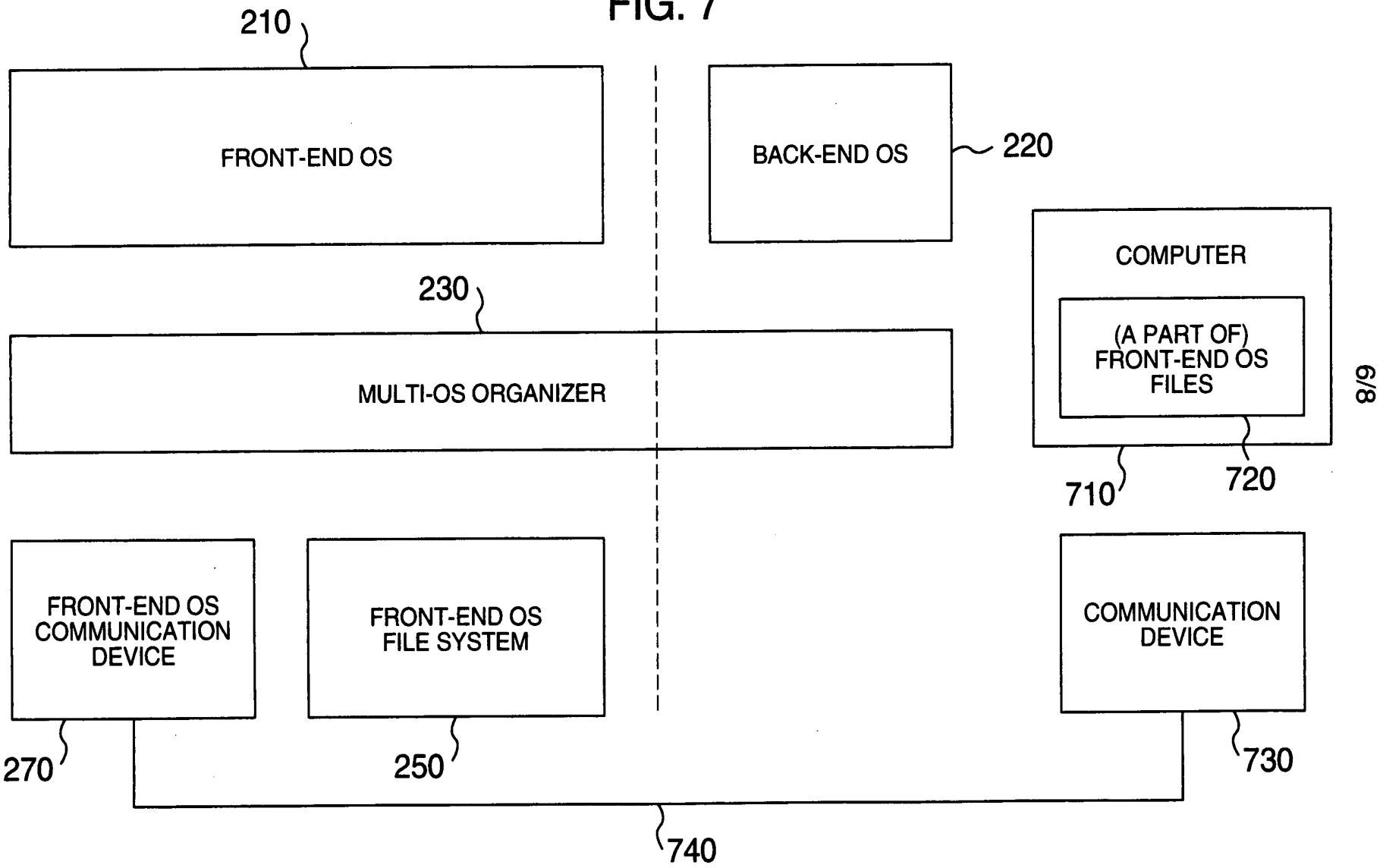


FIG. 8

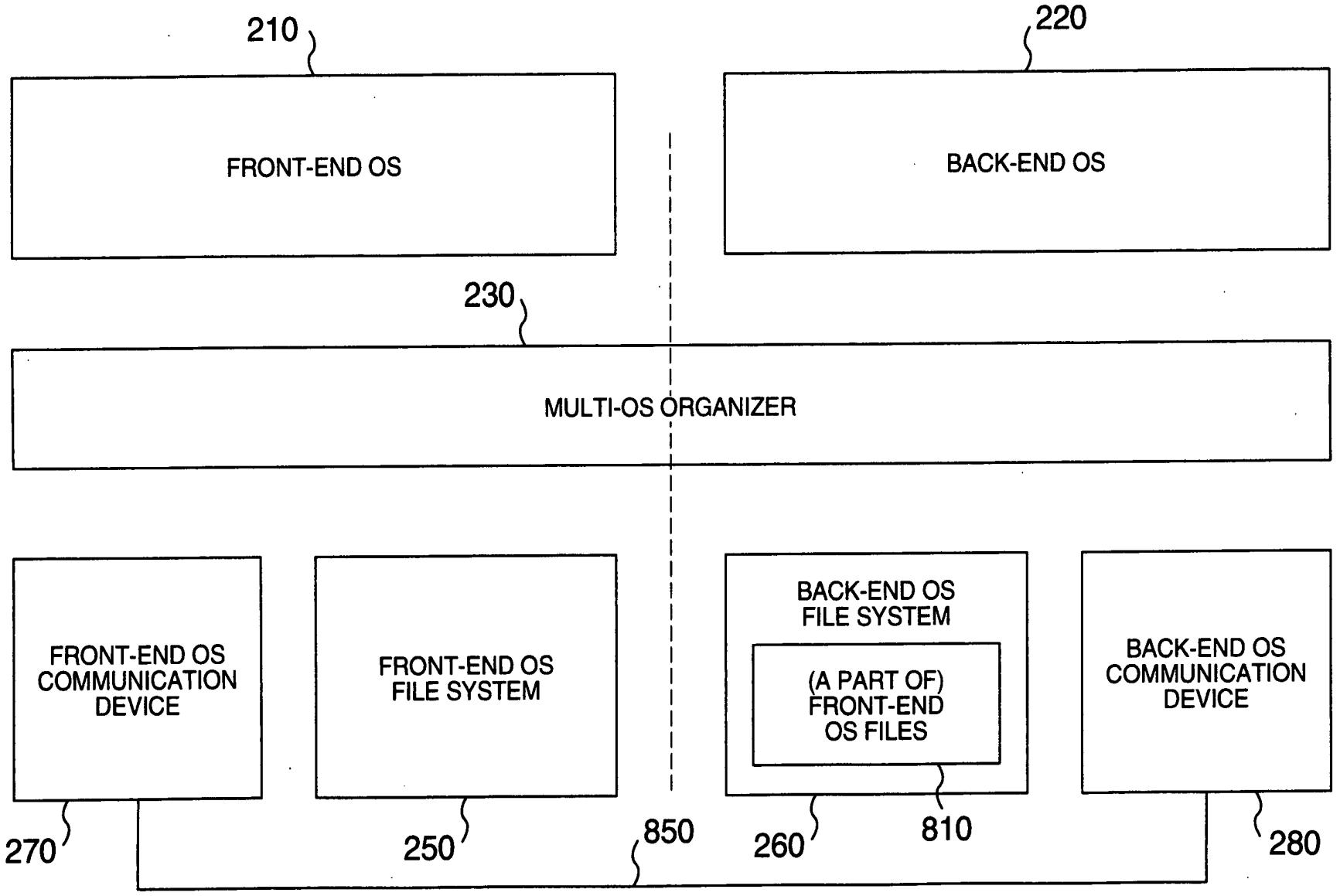
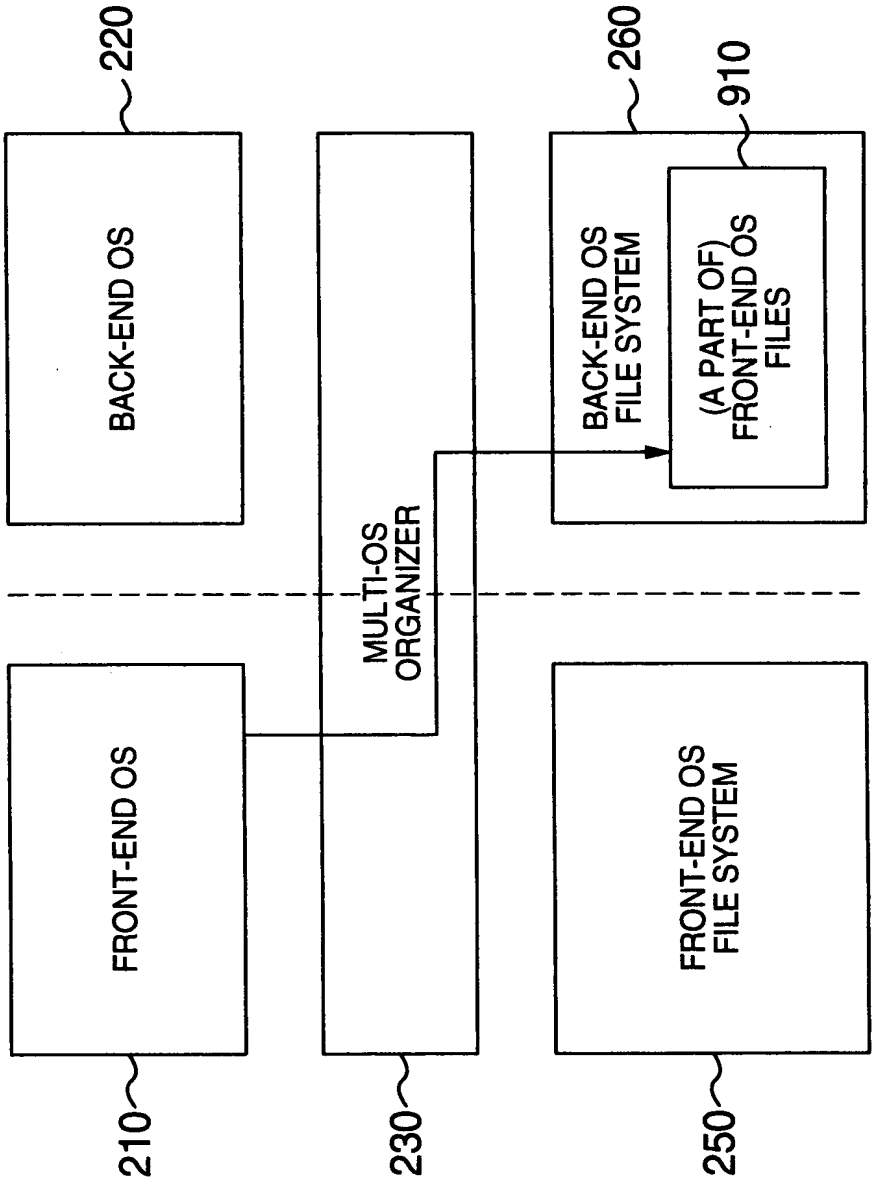

210
220
FRONT-END OS
BACK-END OS
230
MULTI-OS ORGANIZER
FRONT-END OS COMMUNICATION DEVICE
FRONT-END OS FILE SYSTEM
BACK-END OS FILE SYSTEM
(A PART OF) FRONT-END OS FILES
BACK-END OS COMMUNICATION DEVICE
270
250
850
260
810
280

FIG. 9


220
BACK-END OS
260
910
BACK-END OS FILE SYSTEM
(A PART OF) FRONT-END OS FILES
MULTI-OS ORGANIZER
FRONT-END OS
FRONT-END OS FILE SYSTEM
210
230
250